

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| L1    | 1418 | (381/98-100).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | OFF     | 2009/08/14<br>16:10 |
| S1    | 284  | (381/99).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | OFF     | 2008/09/23<br>15:42 |
| S2    | 2    | rumreich.in. and<br>crossover and<br>\$4speak\$2 and<br>frequency and<br>phase | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | OFF     | 2008/09/23<br>15:45 |
| S3    | 3    | thomson.AS. and<br>crossover and<br>\$4speak\$2 and<br>frequency and<br>phase  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | OFF     | 2008/09/23<br>15:45 |
| S4    | 1    | ("4771466").PN.  | USPAT  | OR               | OFF     | 2008/09/23<br>15:46 |
| S5    | 351  | (381/99,100).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | OFF     | 2008/09/23<br>15:47 |
| S6    | 351  | (381/99,100).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | OFF     | 2008/09/24<br>11:21 |
| S7    | 1    | S6 and negative<br>near5 "6" near2 dB  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR               | OFF     | 2008/09/24<br>11:21 |

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| S8  | 22 | S6 and "-6" near2 dB  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2008/09/24<br>11:21 |
| S9  | 20 | S6 and (" -6" near2 dB) and phase   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2008/09/24<br>11:28 |
| S10 | 1  | ("4771466").PN.   | USPAT  | OR | OFF | 2008/09/24<br>11:42 |
| S11 | 1  | S10 and impedance   | USPAT  | OR | OFF | 2008/09/24<br>11:42 |
| S12 | 2  | rumreich.in. and crossover and \$4speak\$2 and frequency and phase and (inverse near5 polarity) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/23<br>11:24 |
| S13 | 1  | ("4771466").PN.   | USPAT  | OR | OFF | 2009/01/23<br>11:30 |
| S14 | 1  | S13 and negative  | USPAT  | OR | OFF | 2009/01/23<br>11:30 |
| S15 | 0  | 381/98-100.ccls. and (negative near5 polarity) near10 capacit\$4 near10 induct\$4               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/23<br>11:32 |
| S16 | 0  | 381/98-100.ccls. and ((negative opposite) near10 polarity) near20 capacit\$4 near20 induct\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/23<br>11:32 |
| S17 | 0  | "381"/\$.ccls. and ((negative opposite) near10 polarity) near20 capacit\$4 near20 induct\$4     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/23<br>11:33 |
| S18 | 35 | 381/98-100.ccls. and ((negative opposite) near5 polarity)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/23<br>11:33 |

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| S19 | 588  | ((negative opposite) near10 polarity) near20 capacit\$4 near20 induct\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/23<br>11:47 |
| S20 | 165  | ((negative opposite) near10 polarity) near10 capacit\$2 near10 induct\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/23<br>11:50 |
| S21 | 37   | "381"\$.ccls. and ((invert\$3 inverse) near10 polarity near10 \$4speak\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/26<br>09:40 |
| S22 | 8    | S21 and tweeter and \$3woofer  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/26<br>10:34 |
| S23 | 1391 | (381/98-100).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/26<br>13:58 |
| S24 | 2    | rumreich.in. and crossover and \$4speak\$2 and frequency and phase         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/26<br>13:58 |
| S25 | 478  | (381/26,28).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | OFF | 2009/01/26<br>14:02 |

**EAST Search History (Interference)**

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**8/ 14/ 2009 4:10:59 PM****C:\Documents and Settings\dfaulk\My Documents\ EAST\ Workspaces\ 10587188.  
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